

CLAIMS

1. An organic positive temperature coefficient
thermistor device comprising a pair of electrodes
disposed so as to oppose each other, and a thermistor
body having a positive resistance-temperature
characteristic disposed between the electrodes, wherein
the thermistor body consists of a cured product of a
mixture containing an epoxy resin including a flexible
epoxy resin, a curing agent, and an electrically
conductive particle.

5 2. An organic positive temperature coefficient
thermistor device according to claim 1, wherein the
epoxy resin includes 3 to 100 % by mass of the flexible
epoxy resin based on the total mass of the epoxy resin.

10 3. An organic positive temperature coefficient
thermistor device comprising a pair of electrodes
disposed so as to oppose each other, and a thermistor
body having a positive resistance-temperature
characteristic disposed between the electrodes, wherein
the thermistor body consists of a cured product of a
mixture containing a flexible epoxy resin having a
bending elasticity of 2700 MPa or less and an
electrically conductive particle.

15 4. An organic positive temperature coefficient
thermistor device according to any of claims 1 to 3,
20 wherein the conductive particle has a surface provided
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with a protrusion.